

ABSTRACT OF THE DISCLOSURE

The brush abrasion detector is unnecessary to provide any detecting element for detecting limit of abrasion of a brush in the proximity of the brush. The brush abrasion detector includes: a brush located being slidably press-fitted to a slip ring provided at an end portion of a field winding of a generator, and supplying an excitation current from a battery to the field winding; a current detection circuit for detecting a current value flowing through the field winding via the brush; an output voltage detection circuit for detecting an output voltage value from the generator; and a brush abrasion determination circuit for determining abrasion state of the brush based on a current value detected by the current detection circuit or an output voltage value detected by the output voltage detection circuit.

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